

# FLATRON™

## DISPLAY DEVICES CATALOGUE



# THE ADVANTAGE OF FLATRON LCD



**DFC**  
Digital Fine  
Contrast ratio

## World's First & Best Contrast Ratio of 5000:1 with DFC

Experience clear and sharp images on LG FLATRON LCD.  
Colours literally jump off the screen.

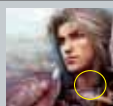
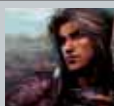
### Ideal for Moving Pictures

- Optimized for maximum movie image brightness
- Suitable for moving images with various brightness levels. e.g. Movies, Animations, Games, Photos, etc.
- Enjoy clear, crisp and bright images



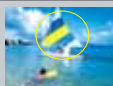
### Strong in the Dark

- Excels in displaying dark images
- Images remain clear in dark backgrounds
- Superior clarification of dark colours
- Displays 'PERFECT BLACKS' through automatic control



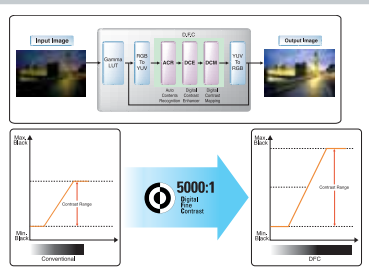
### Clear Your Vision

- As real as it gets
- As if looking at a real object
- Alleviate eye strain when looking at small images



### Technology Behind DFC

- 1st Step: Analyze input content and automatically recognize the need to boost contrast
- 2nd Step: Activate contrast enhancer control to boost contrast
- 3rd Step: Display an improved digital image with optimal contrast



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# WIDE FORMAT SERIES

L246WH  
L227WT  
L207WT

L197WH  
L226WTQ  
L206WU  
L225WT

L196WTQ  
L206WU  
L225WT

L225WS  
L204WT  
L204WS

L194WT  
L194WS

01

## Play Wide Play LG

Play MOVIES, Play GAMES, Play Wide, Play LG!

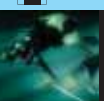
- 4:3 in Wide (ARC : Aspect Ratio Control)

With 4:3 in Wide (ARC) Function,  
No more distorted image!  
Enjoy original 4:3 images with LG Wide Monitor!

- When playing a 4:3 format game
- Real 4:3 image looks clear
- It's easy to control a game in detail
- When using a PC that doesn't support aspect ratio
- undistorted characters images and scenes
- True to nature



GAME



MOVIE



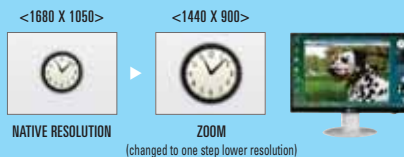
		L246WH	L227WT	L207WT
PANEL SPEC	Size	24" Wide	22" Wide	20" Wide
	Brightness	400 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	2000:1	5000:1 (DFC)	5000:1 (DFC)
	Response Time	8ms (GTG)	2ms (GTG)	2ms (GTG)
	Viewing Angle	H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°
	Supported Colours	16.7M Colours	16.7M Colours	16.7M Colours
PHYSICAL FEATURES	Resolution	1920 x 1200 (WUXGA)	1680 x 1050 (WSXGA+)	1680 x 1050 (WSXGA+)
	Video Signal Type	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)
	Connector	15 Pin D-Sub, HDMI, Component (Video), PC Audio Out	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D
	Dimension (Net)	560 x 270 x 445 mm	508 x 230 x 424 mm	472 x 230 x 400 mm
	(Gross)	631 x 278 x 445 mm	575 x 163 x 453 mm	535 x 160 x 409 mm
	Weight	Net : 9.6 kg, Gross : 12.0 kg	Net : 5.7 kg, Gross : 6.4 kg	Net : 4.6 kg, Gross : 6.0 kg
POWER CONSUMPTION	On Mode	80W (Typical)	45W (Typical)	45W (Typical)
	DPM Off Mode	2W (Typical)	1W (Typical)	1W (Typical)
SPECIAL FEATURES	Multimedia	PIP / PBP, HDCP, 4:3 in Wide (ARC)	FLATRON f Engine, ez Zooming, HDCP, WCG 100%, 4:3 in Wide (ARC)	FLATRON f Engine, ez Zooming, HDCP, WCG 100%, 4:3 in Wide (ARC)
	AV / TV	HD Ready	-	-
	Stand	Height Adjustment, Tilt, Swivel	Tilt	Tilt
	USB	2Down 1Up	-	-
	VESA Wall mounting Regulation	VESA TCO-99	VESA	VESA
			-	-
DEPLOYED MODEL				

## Play Wide Play LG

Wide enough to put all the excitement.

### • ez zooming ZOOMING

Switch Resolution modes with a touch of a button  
(Screen resolution reduces by one level)



### Productivity

Additional Working Area\_Calculator, Toolbar, Messenger etc.

Increase your productivity with an increased screen.

Work on a spreadsheet, browse the web, watch a movie on one screen with room to spare.



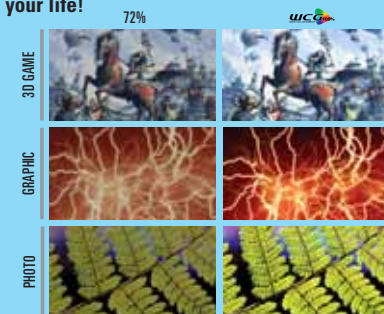
		L197WH	L226WTQ	L206WTQ
PANEL SPEC	Size	19" Wide	22" Wide	20" Wide
	Brightness	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	5000:1 (DFC)	5000:1 (DFC)	5000:1 (DFC)
	Response Time	2ms (GTG)	2ms (GTG)	2ms (GTG)
	Viewing Angle	H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°
	Supported Colours	16.7M Colours	16.7M Colours	16.7M Colours
	Resolution	1440 x 900 (WXGA+)	1680 x 1050 (WSXGA+)	1680 x 1050 (WSXGA+)
PHYSICAL FEATURES	Video Signal Type	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)
	Connector	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D
	Dimension (Net) (Gross)	440 x 230 x 382 mm 495 x 153 x 383 mm	502 x 234 x 424 mm 571 x 235 x 415 mm	471 x 234 x 402 mm 534 x 193 x 383 mm
	Weight	Net : 3.9 kg, Gross : 4.8 kg	Net : 5.7 kg, Gross : 6.4 kg	Net : 4.6 kg, Gross : 6.0 kg
POWER CONSUMPTION	On Mode	36W (Typical)	45W (Typical)	34W (Typical)
	DPM Off Mode	1W (Typical)	1W (Typical)	1W (Typical)
SPECIAL FEATURES	Multimedia	FLATRON f Engine, ez Zooming, HDCP, 4:3 in Wide (ARC)	FLATRON f Engine, ez Zooming, HDCP, 4:3 in Wide (ARC)	FLATRON f Engine, ez Zooming, HDCP, 4:3 in Wide (ARC)
	AV / TV	—	—	—
	Stand	Dual Hinge, Height Adjustment, Tilt	Tilt, Swivel	Tilt, Swivel
	USB	—	—	—
	VESA Wall mounting Regulation	VESA	VESA	VESA
		—	TCO-03 (Silver, Black)	TCO-03 (Silver, Black)
DEPLOYED MODEL			*Colour (Front): Silver, Black (Stand): Black (Glossy)	*Colour (Front): Silver, Black (Stand): Black (Glossy)



## Wide Colour Gamut

Add a whole new level of colour into your life!

### • Enjoy Vivid Colour Images

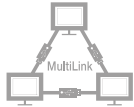


### • Get the True Colour that You Want

### • Achieve the True Colour into Your Work



	L196WTQ	L206WU	L225WT	L225WS
PANEL SPEC	19" Wide	20" Wide	22" Wide	22" Wide
	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
	5000:1 (DFC)	5000:1 (DFC)	5000:1 (DFC)	5000:1 (DFC)
	2ms (GTG)	2ms (GTG)	5ms (Typical)	5ms (Typical)
	H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°
	16.2M Colours	16.7M Colours	16.7M Colours	16.7M Colours
	1440 x 900 (WXGA+)	1680 x 1050 (WSXGA+)	1680 x 1050 (WSXGA+)	1680 x 1050 (WSXGA+)
PHYSICAL FEATURES	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog (Separate, Composite, SOG)
	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D, USB, (MultiLink Technology)	15 Pin D-Sub, DVI-D	15 Pin D-Sub
	440 x 234 x 384 mm 494 x 193 x 365 mm	471 x 234 x 402 mm 534 x 193 x 383 mm	502 x 234 x 424 mm 571 x 235 x 415 mm	502 x 234 x 424 mm 571 x 235 x 415 mm
	Net : 4.6 kg, Gross : 5.8 kg	Net : 4.6 kg, Gross : 6.0 kg	Net : 5.7 kg, Gross : 6.4 kg	Net : 5.7 kg, Gross : 6.4 kg
POWER CONSUMPTION	34W (Typical)	45W (Typical)	45W (Typical)	45W (Typical)
	1W (Typical)	1W (Typical)	1W (Typical)	1W (Typical)
SPECIAL FEATURES	FLATRON f Engine, ez Zooming, HDCP, 4:3 in Wide (ARC)	FLATRON f Engine, HDCP, HDCP, 4:3 in Wide (ARC)	FLATRON f Engine, ez Zooming, HDCP, 4:3 in Wide (ARC)	FLATRON f Engine, ez Zooming, 4:3 in Wide (ARC)
	—	—	—	—
	Tilt, Swivel	Pivot (90°), Height Adjustment, Tilt, Swivel	Tilt, Swivel	Tilt, Swivel
	—	2Down 1Up	—	—
	VESA	VESA	VESA	VESA
	TCO-03 (Silver, Black)	—	TCO-03	TCO-0
	*Colour (Front): Silver, Black (Stand): Black (Glossy)		*Colour (Front): Silver, Black	



## Why MultitLink Technology?

### Easy to Use

USB Signal Input



### Lowers the complexity of adding more monitors



### Multilink Connection

Powerful extension through USB up to 6 screens  
(Instantly add other displays to PC)



Powerful Extension through USB up to 6 Screens (Instantly add other displays to PC)

### USB Input Interface for Multi Screen to Provide Easy user Experience

- Easy to Connect : USB Signal Input
- No need for additional dual interface setting (Auto Switching)
- No need for extra graphic card
- Auto Switching between Copy and Extended Mode without Display Settings



### HDMI (High-Definition Multimedia Interface)

HDMI delivers sharper images and sounds without any data loss for graphic and multimedia users. HDMI delivers crystal clear digital video and audio quality via a single cable.



FLATRON L245WP  
L246WH



		L204WT	L204WS	L194WT
PANEL SPEC	Size	20" Wide	20" Wide	19" Wide
	Brightness	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	5000:1 (DFC)	5000:1 (DFC)	5000:1 (DFC)
	Response Time	5ms (Typical)	5ms (Typical)	5ms (Typical)
	Viewing Angle	H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°
	Supported Colours	16.7M Colours	16.7M Colours	16.2M Colours
	Resolution	1680 x 1050 (WSXGA+)	1680 x 1050 (WSXGA+)	1440 x 900 (WXGA+)
PHYSICAL FEATURES	Video Signal Type	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog (Separate, Composite, SOG)	RGB Analog / Digital (Separate, Composite, SOG, Digital)
	Connector	15 Pin D-Sub, DVI-D	15 Pin D-Sub	15 Pin D-Sub, DVI-D
	Dimension (Net)	466 x 226 x 384 mm	466 x 226 x 384 mm	435 x 226 x 370 mm
	(Gross)	525 x 137 x 365 mm	525 x 137 x 365 mm	494 x 130 x 384 mm
	Weight	Net : 4.8 kg, Gross : 5.8 kg	Net : 4.8 kg, Gross : 5.8 kg	Net : 3.6 kg, Gross : 4.8 kg
POWER CONSUMPTION	On Mode	45W (Typical)	45W (Typical)	34W (Typical)
	DPM Off Mode	1W (Typical)	1W (Typical)	1W (Typical)
SPECIAL FEATURES	Multimedia	FLATRON f Engine, HDCP, 4:3 in Wide (ARC)	FLATRON f Engine, 4:3 in Wide (ARC)	FLATRON f Engine, HDCP, 4:3 in Wide (ARC)
	AV / TV	-	-	-
	Stand	Tilt	Tilt	Tilt
	USB	-	-	-
	VESA Wall mounting Regulation	VESA TCO-03	VESA TCO-03	VESA TCO-03
DEPLOYED MODEL		*Colour (Front): Silver, Black	*Colour (Front): Silver, Black	*Colour (Front): Silver, Black

	L194WS
PANEL SPEC	Size
	19" Wide
	Brightness
	300 cd/m <sup>2</sup> (Typical)
	Contrast Ratio
	5000:1 (DFC)
	Response Time
PHYSICAL FEATURES	5ms (Typical)
	H : 170°, V : 170°
	16.2M Colours
	1440 x 900 (WXGA+)
	RGB Analog (Separate, Composite, SOG)
	15 Pin D-Sub
	435 x 226 x 370 mm
	494 x 130 x 384 mm
	Net : 3.6 kg, Gross : 4.8 kg
POWER CONSUMPTION	34W (Typical)
	1W (Typical)
SPECIAL FEATURES	FLATRON f Engine, 4:3 in Wide (ARC)
	-
	Tilt
	-
	VESA
	TCO-03
DEPLOYED MODEL	*Colour (Front): Silver, Black

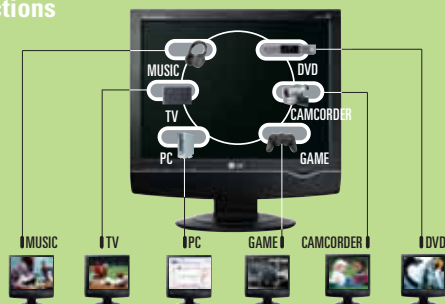
# MONITOR TV SERIES

M228WD M208WA M1921TA  
M228WA M198WA M1721TA

02

## Various AV / TV Functions

Users can enjoy easy and convenient access to AV/TV devices such as a DVD Player, VCR, Video game console, camcorder and more.



	M228WD	M228WA	M208WA
<b>PANEL SPEC</b>	Size	22" Wide	20" Wide
	Brightness	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	3000:1 (DFC)	3000:1 (DFC)
	Response Time	5ms (Typical)	5ms (Typical)
	Viewing Angle	H : 176°, V : 170°	H : 176°, V : 170°
	Supported Colours	16.7M Colours	16.7M Colours
	Resolution	1680 x 1050 (WSXGA+)	1680 x 1050 (WSXGA+)
<b>PHYSICAL FEATURES</b>	Video Signal Type	RGB Analog (Separate)	RGB Analog/Digital (Separate, Composite, S-Video, PC Audio In/Out)
	Connector	15 Pin D-Sub, HDMI, Component, SCART x 2 (Full/half), Composite	15 Pin D-Sub, DVI-D, Component (SCART), Composite, S-Video, PC Audio In/Out
	Dimension (Net)	525 x 230 x 439 mm	484 x 230 x 414 mm
	(Gross)	593 x 161 x 471 mm	548 x 161 x 441 mm
	Weight	Net : 5.8 kg, Gross : 7.1 kg	Net : 4.8 kg, Gross : 6.8 kg
<b>POWER CONSUMPTION</b>	On Mode	60W (Typical)	50W (Typical)
	DPM Off Mode	1W (Typical)	1W (Typical)
<b>SPECIAL FEATURES</b>	Multimedia	HDTV	HDCP, 4:3 in Wide (ARC)
	AV / TV	TV Tuner (Digital), Speakers (3W x 2)	TV Tuner, Speakers (3W x 2)
	Stand	Tilt, Swivel	Tilt, Swivel
	USB	—	—
	VESA Wall mounting Regulation	VESA	VESA
<b>DEPLOYED MODEL</b>			

**MORE INPUTS, MORE FUN\_** With the Monitor TV series, LG offers multi-purpose all-in-one display solutions for a variety of PC and home entertainment uses. Users can enjoy easy and convenient access to AV devices such as a DVD player, VCR, Video game console, Camcorder and more.

## DTV Monitor

Users can watch HD Broadcast with built-In Digital Tuner inside the Monitor. Which means no mandatory TV Card in your PC, and you get another free digital TV. It's now possible to work, and enjoy your favorite TV shows on a single screen.

## SRS WOW



It delivers an incredible listening experience to any music genre providing the perception of deep, rich bass and an amazing 3D listening experience.

## Multimedia Speaker (Stereo 3W x 2)

Users can enjoy easy and convenient access to AV devices such as a DVD Player, Video game console, Camcorder, VCR and more.



	M198WA	M1921 TA	M1721 TA
<b>PANEL SPEC</b>	Size	19" Wide	17" Wide
	Brightness	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	3000:1 (DFC)	3000:1 (DFC)
	Response Time	5ms (Typical)	5ms (Typical)
	Viewing Angle	H : 176°, V : 170°	H : 176°, V : 170°
	Supported Colours	16.2M Colours	16.7M Colours
	Resolution	1440 x 900 (WXGA+)	1280 x 1024 (SXGA)
<b>PHYSICAL FEATURES</b>	Video Signal Type	RGB Analog/Digital (Separate, Composite, S-Video, Digital)	RGB Analog/Digital (Separate, Composite, S-Video, Digital)
	Connector	15 Pin D-Sub, DVI-D, Component (SCART), Composite, S-Video, PC Audio In/Out	15 Pin D-Sub, DVI-D, Component (SCART), Composite, S-Video, PC Audio In/Out
	Dimension (Net)	455 x 230 x 392 mm	394 x 243 x 404 mm
	(Gross)	520 x 161 x 422 mm	448 x 161 x 406 mm
	Weight	Net : 4.9 kg, Gross : 6.4 kg	Net : 4.5 kg, Gross : 6.2 kg
<b>POWER CONSUMPTION</b>	On Mode	50W (Typical)	40W (Typical)
	DPM Off Mode	1W (Typical)	1W (Typical)
<b>SPECIAL FEATURES</b>	Multimedia	HDCP, 4:3 in Wide (ARC)	HD Ready, Hotel Mode, HDCP
	AV / TV	TV Tuner, Speakers (3W x 2)	TV Tuner, Speakers (3W x 2)
	Stand	Tilt, Swivel	Tilt, Swivel
	USB	—	—
	VESA Wall mounting Regulation	VESA	VESA
<b>DEPLOYED MODEL</b>			

# ARTISTIC SERIES

L1900E L1960TR  
L1900J L1900R L1760TR

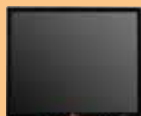
03

CUTTING EDGE TECHNOLOGY MEETS AWARD-WINNING DESIGN\_ The **FLATRON** Artistic Series is a match of style and functionality by mixing cutting-edge image technology with creative and innovative design. Wherever and Whatever you need, **FLATRON** will suit your tastes perfectly.

## Artistic Design

FLATRON

*Fantasy*



**JAR**

SERVING LIGHT

4 different levels of brightness lets you present an ambience that is spirited and dynamic.



**RING**

GETTING INTO LIGHT

You will witness a circling of red establishing its brilliance.



**ECLIPSE**

APPRECIATING LIGHT

Expressing a beautiful light just like the eclipse of the moon that intense ring of light that cannot be completely concealed.



### FLATRON Fantasy

Winner of iF Product Design Award 2007 & reddot design award 2007



FLATRON L1960TR / L1760TR

## Enhance your display experience with a slim and modern design

LG FLATRON LX60TR's modern shape and elegant design are the next evolution in LCD Monitors. The Noble Black colour exudes class.



A slim and sleek body with a noble black colour



A blue LED button with the figure of and eagle eye



The sharp image with slim & modern design



Winner of reddot design award 2006



## Specification

High Brightness  
Wide Viewing Angle  
Ultra High Contrast Ratio  
Lightening Fast Response Time  
Inputs  
Resolution  
Special Features

**JAR RING ECLIPSE**

300cd/m<sup>2</sup>  
170° (H) / 170° (V)  
3000:1 (DFC)  
2ms (GTG)  
DVI-I  
1280 x 1024 (SXGA)  
FLATRON f Engine, Fine Window (Zooming), HDCP

**L1960TR L1760TR**

300cd/m<sup>2</sup>  
170° (H) / 170° (V)  
5000:1 (DFC)  
2ms (GTG)  
15 Pin D-sub, DVI-D  
1280 x 1024 (SXGA)  
FLATRON f Engine, HDCP, Tilt



L1960TR

FLATRON *Fantasy*

Imagine  
the beauty of life,  
the world of freedom to create.



# ULTRA SLIM SERIES

L1972H

04



**DFC**  
Digital Fine  
Contrast ratio

**World's First & Best Contrast Ratio of 5000:1 with DFC**

Experience clear and sharp images on LG FLATRON LCD. Colours literally jump off the screen.

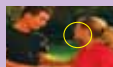
## Ideal for Moving Pictures

- Optimized for maximum movie image brightness
  - Suitable for moving images with various brightness levels. e.g. Movies, Animations, Games, Photos, etc.
- Enjoy clear, crisp and bright images

5000:1 OFF

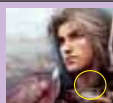
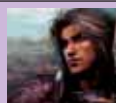


5000:1 ON



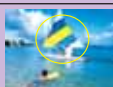
## Strong in the Dark

- Excels in displaying dark images
  - Images remain clear in dark backgrounds
- Superior classification of dark colours
- Displays 'PERFECT BLACKS' through automatic control



## Clear Your Vision

- As real as it gets
  - As if looking at a real object
- Alleviate eye strain with distortion minimized images



## Top Performer for Multimedia Users



### FLATRON f Engine\_LG's Picture Enhancing Chip for LCD Monitors

FLATRON f Engine uses DAFI™ technology features RCM (Real Colour Management) allows the monitor to display colours that are vivid and natural. ACE (Adaptive Colour and Contrast Enhancement) enhances brightness and contrast. The technology optimizes image quality for videos and high resolution photos.



### Lightening Fast Response Time 2ms (GTG)

Delivering an lightening fast 2ms response time, LG FLATRON LCD Monitors output crisp images while minimizing image distortion. Your video games never looked so good.



STANDARD



2MS(GTG)



### Auto Bright

The Auto Bright Function automatically controls the brightness of display to best suit the surrounding working environment, providing the optimal viewing condition and maximized user convenience.



FLATRON L1982U

## High Tech Design



Advanced dual hinge with tilt, height adjustment and folding functions.

Especially, the height adjustment ranges 175mm, the highest in the market today.



Without using Pivot Software, user enables the computer display to be rotated from landscape to portrait.



FLATRON L1982U



ForteMirror changes the displayed contents automatically when the user executes

a 360-degree turn in the opposite direction. Whichever direction you may see, the contents are not reversed.



FLATRON L1982U

THE EPITOME OF ADVANCED TECHNOLOGIES\_ The FLATRON Ultra Slim Series are the finest monitors that epitomize a wide variety of cutting-edge technologies. High-tech design, best picture quality and ergonomic functionality optimizes the user environment.

## ERGONOMIC COMFORT, BRILLIANT PICTURE QUALITY



### L1972H

PANEL SPEC	Size	19"
	Brightness	300 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	5000:1 (DFC)
	Response Time	2ms (GTG)
	Viewing Angle	H : 170°, V : 170°
	Supported Colours	16.7M Colours
PHYSICAL FEATURES	Resolution	1280 x 1024 (SXGA)
	Video Signal Type	RGB Analog / Digital (Separate, Composite, S-Video, Digital)
	Connector	15 Pin D-Sub, DVI-D
	Dimension (Net)	409 x 105 x 366 mm
	(Gross)	473 x 174 x 426 mm
	Weight	Net : 5.2 kg, Gross : TBD
POWER CONSUMPTION	On Mode	35W (Typical)
	DPM Off Mode	1W (Typical)
SPECIAL FEATURES	Multimedia	FLATRON f Engine, ez Zooming, HDCP
	AV / TV	
	Stand	Dual Hinge Adjustment, Tilt
	USB	—
	VESA Wall mounting Regulation	VESA TCO-03 (Option)
	DEPLOYED MODEL	



# STANDARD SERIES

L2000CN L1754SM L1953HR L1753TR  
L1954TQ L1953PR L1753HR L1953S  
L1954SM L1753PR L1953TR L1753S

05



**DFC**  
Digital Fine  
Contrast ratio

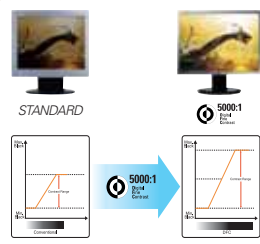
## World's First & Best Contrast Ratio of 5000:1 with DFC

Experience the clearest, sharpest images available today on an LCD. With LG FLATRON, the colours literally jump off the screen.

The usage and application of today's monitors are broadening. Its primary use is no longer restricted to work, but also for entertainment purposes. An increasing number of consumers are viewing movies, animations as well as television content with monitors.

LG's DFC technology offers consumers clear, crisp and rich images through our Ultra-High contrast ratio of 5000:1. DFC is operational in MOVIE MODE, which is optimized for maximum brightness in a movie image, suitable for moving images with various brightness levels.

DFC is a special feature most useful when displaying dark images. DFC allows the LCD panel to render deeper Blacks through automatic control instead of the traditional method where Black colours are rendered by blocking the panel's backlight.



	L2000CN	L1954TQ	L1954SM
<b>PANEL SPEC</b>			
Size	20.1"	19"	19"
Brightness	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
Contrast Ratio	2000:1	5000:1 (DFC)	5000:1 (DFC)
Response Time	6ms (Typical)	2ms (GTG)	5ms (Typical)
Viewing Angle	H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°
Supported Colours	16.8M Colours	16.7M Colours	16.7M Colours
Resolution	1600 x 1200 (UXGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)
<b>PHYSICAL FEATURES</b>			
Video Signal Type	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog/Digital (Separate, Composite, SOG, Digital)	RGB Analog (Separate, Composite, SOG)
Connector	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D	15 Pin D-Sub, PC Audio In/Out
Dimension (Net)	446 x 243 x 448 mm	403 x 230 x 420 mm	408 x 230 x 426 mm
(Gross)	556 x 262 x 525 mm	467 x 147 x 435 mm	435 x 143 x 467 mm
Weight	Net : 7.7 kg, Gross : 9.6 kg	Net : 3.7 kg, Gross : 5.4 kg	Net : 3.9 kg, Gross : 5.5 kg
<b>POWER CONSUMPTION</b>			
On Mode	58W (Typical)	33W (Typical)	37W (Typical)
DPM Off Mode	1W (Typical)	1W (Typical)	1W (Typical)
<b>SPECIAL FEATURES</b>			
Multimedia	FLATRON f Engine, HDCP	FLATRON f Engine, ez Zooming, HDCP	FLATRON f Engine, Speakers (1W x 2)
Stand	Pivot (90°), Tilt, Swivel, Height Adjustment	Tilt	Tilt
USB	-	-	-
VESA Wall mounting	VESA	VESA	VESA
Regulation	TCO-03	-	TCO-03 (Silver Only)
<b>DEPLOYED MODEL</b>	*Colour (Front): Silver, Black		*Colour (Front): Silver, Black (Stand): Black

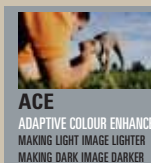
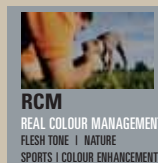
**ENHANCE YOUR LIFE\_** With the Standard Series, users will enjoy all the benefits of LG's advanced LCD screen technology that eliminates glare, image distortion and screen flicker, allowing sharp, convenient and comfortable viewing without fatigue

## FLATRON f Engine



### FLATRON f Engine\_ LG's Picture Enhancing Chip for LCD Monitors

FLATRON f Engine uses DAFI™ technology features RCM (Real Colour Management) allows the monitor to display colours that are vivid and natural. ACE (Adaptive Colour and Contrast Enhancement) enhances brightness and contrast. The technology optimizes image quality for videos and high resolution photos.



**DAFI™ TECHNOLOGY**



L1754SM	L1953PR	L1753PR	L1953HR
17"	19"	17"	19"
300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
5000:1 (DFC)	5000:1 (DFC)	5000:1 (DFC)	5000:1 (DFC)
5ms (Typical)	2ms (GTG)	2ms (GTG)	2ms (GTG)
H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°
16.7M Colours	16.7M Colours	16.7M Colours	16.7M Colours
1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)
RGB Analog (Separate, Composite, SOG)	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)
15 Pin D-Sub, PC Audio In/Out	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D
371 x 204 x 413 mm	TBD	TBD	402 x 208 x 468 mm
426 x 143 x 406 mm	516 x 225 x 388 mm	TBD	453 x 155 x 384 mm
Net : 3.4 kg, Gross : 4.6 kg	Net : TBD, Gross : 7.2 kg	Net : TBD, Gross : TBD	Net : 4.6 kg, Gross : 6.1 kg
35W (Typical)	33W (Typical)	30W (Typical)	33W (Typical)
1W (Typical)	1W (Typical)	1W (Typical)	1W (Typical)
FLATRON f Engine, Speakers (1W x 2)	FLATRON f Engine, HDCP	FLATRON f Engine, HDCP	FLATRON f Engine, HDCP
Tilt	Pivot (90°), Height Adjustment, Tilt, Swivel	Pivot (90°), Height Adjustment, Tilt, Swivel	Height Adjustment, Tilt
-	-	-	-
VESA TCO-03 (Silver Only)	VESA TCO-03	VESA TCO-03	VESA TCO-03
*Colour (Front): Silver, Black (Stand): Black	*Colour (Front): Silver, Black	*Colour (Front): Silver, Black	*Colour (Front): Silver, Black





## ENJOY CLEAR & CRISP IMAGE



### Lightening Fast Response Time

**2ms**

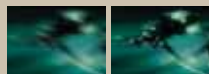
#### Lightening Fast Response Time, 2ms (GTG)

Delivering an lightening fast 2ms response time, LG FLATRON LCD Monitors output crisp images while minimizing image distortion. Your video games never looked so good.

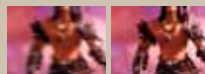


STANDARD

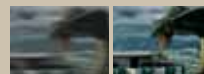
2MS(GTG)



VIDEO GAME



ANIMATION



MOVIE

### Your Work Will Look Smarter

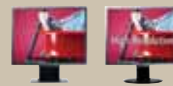
**LG FLATRON LCD Monitors are perfect for work place. Double up your work efficiency with LG FLATRON!**

#### Pivot Function

Pivot Function enables the computer display to be rotated from landscape to portrait making text documents easier to manage.



FLATRON L2000C



OTHERS

FLATRON L2000C

#### High Resolution

High resolution results in the sharp, clear lifelike screen images required for applications such as digital imaging, multimedia presentations and mapping programs. It also allows more digital information to be displayed on the screen, compared to monitors with lower resolution.

#### Ideal for commercial use

Narrow Bezel design enables monitors to be tiled making them ideal for trading floors, banks, airports, design center and etc.



#### L1753HR

#### L1953TR

#### L1753TR

PANEL SPEC	Size	17"	17"	17"
	Brightness	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	5000:1 (DFC)	5000:1 (DFC)	5000:1 (DFC)
	Response Time	2ms (GTG)	2ms (GTG)	2ms (GTG)
	Viewing Angle	H : 170°, V : 170°	H : 170°, V : 170°	H : 170°, V : 170°
	Supported Colours	16.7M Colours	16.7M Colours	16.2M Colours
	Resolution	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)
PHYSICAL FEATURES	Video Signal Type	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)	RGB Analog / Digital (Separate, Composite, SOG, Digital)
	Connector	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D	15 Pin D-Sub, DVI-D
	Dimension (Net)	365 x 208 x 455 mm	365 x 208 x 455 mm	365 x 180 x 378 mm
	(Gross)	405 x 152 x 369 mm	405 x 152 x 369 mm	405 x 102 x 369 mm
	Weight	Net : 4.1 kg, Gross : 5.2 kg	Net : 4.3 kg, Gross : 5.4 kg	Net : 3.1 kg, Gross : 4.0 kg
POWER CONSUMPTION	On Mode	30W (Typical)	30W (Typical)	30W (Typical)
	DPM Off Mode	1W (Typical)	1W (Typical)	1W (Typical)
SPECIAL FEATURES	Multimedia	FLATRON f Engine, HDCP	FLATRON f Engine, HDCP	FLATRON f Engine, HDCP
	Stand	Height Adjustment, Tilt	Speakers (1W x2) Height Adjustment, Tilt	Tilt
	USB	—	—	—
	VESA Wall mounting Regulation	VESA TCO-03	VESA TCO-03	VESA TCO-03
DEPLOYED MODEL		*Colour (Front): Silver, Black	*Colour (Front): Silver, Black	*Colour (Front): Silver, Black



#### L1953S

#### L1753S

19"	17"
300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)
5000:1 (DFC)	5000:1 (DFC)
5ms (Typical)	5ms (Typical)
H : 170°, V : 170°	H : 170°, V : 170°
16.2M Colours	16.2M Colours
1280 x 1024 (SXGA)	1280 x 1024 (SXGA)
RGB Analog (Separate, Composite, SOG)	RGB Analog (Separate, Composite, SOG)
15 Pin D-Sub	15 Pin D-Sub
402 x 180 x 408 mm	365 x 180 x 378 mm
453 x 110 x 384 mm	405 x 102 x 369 mm
Net : 3.6 kg, Gross : 4.9 kg	Net : 3.1 kg, Gross : 4.0 kg
33W (Typical)	30W (Typical)
1W (Typical)	1W (Typical)
FLATRON f Engine	FLATRON f Engine
Tilt	Tilt
—	—
VESA	VESA
TCO-03	TCO-03
*Colour (Front): Silver, Black	*Colour (Front): Silver, Bla

# LARGE SIZE SERIES

M5500C M4710C  
M4210C M3701C M3201C

06

## Ideal as Public Information Display

Large screen size, coupled with its high brightness and a multitude of features, makes it well suited for displaying information to a captive audience.



STOCK EXCHANGE



AIRPORT



MUSEUM



FASHION SHOP



MOTOR SHOW

## High Performance

### Superior Resolution

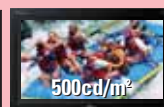
FLATRON M5500C is a WUXGA TFT LCD which means more information on screen and better visibility from long distances at the wide format. Occasions where text information is heavily used such as airports, financial institutions and menu board in restaurants are just perfect for use of the FLATRON M5500C.

### Ultra High Brightness

FLATRON M5500C's ultra high brightness module sets a new standard in brightness at 500cd/m<sup>2</sup> exceeding the monitors with 300cd/m<sup>2</sup>.



STANDARD MONITOR



FLATRON M5500C

### Wide Viewing Angle

(S-IPS Technology)

S-IPS technology allows viewers to see still or moving images at any vertical or horizontal angle without substantial loss in picture quality.



STANDARD MONITOR



H:178° V:178°



FLATRON M5500C

## No Phosphor Burn-in & Semi-permanent Product Life

The basic structure of LCDs makes it a durable, semi-permanent product without the phosphor burn-in apparent in CRT and other displays. Phosphor burn-in makes darkens and erodes TV screens, especially when the same images are displayed for extended periods of time. Burn-in is a severe problem for airports, banks and other public locations where text information is heavily used.

### LCDs are Immune to these Problems

LCDs are self luminance displays filtering light through colour filters to display different colours. Unlike traditional CRTs or the recent PDPs, LCD displays are less prone to image burn-in.



OTHER DISPLAY



FLATRON M5500C

**WIDEN YOUR VISTA\_** Widen Your Vista. LG's Wide Display FLATRON LCD monitors are the ideal solution wherever wide-screen displays are required. Can be easily mounted on walls, ceilings or desktops, these monitors are space-saving works of sheer engineering genius that look as great in public areas, such as airports and hospitals, as in homeoffice or home-theater settings.

## IDEAL FOR PUBLIC INFORMATION DISPLAY



	M5500C	M4710C	M4210C	M3701C	M3201C
<b>PANEL SPEC</b>					
Size	55" Wide	47" Wide	42" Wide	37" Wide	32" Wide
Brightness	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Contrast Ratio	1200 : 1	1600 : 1	1600 : 1	1600 : 1	1600 : 1
Response Time	10ms (GTG)	10ms (GTG)	9ms (GTG)	9ms (Typical)	8ms (Typical)
Viewing Angle	H : 178°, V : 178°	H : 178°, V : 178°	H : 178°, V : 178°	H : 178°, V : 178°	H : 178°, V : 178°
Supported Colours	16.7M Colours	16.7M Colours	16.7M Colours	16.7M Colours	16.7M Colours
Resolution	1920 x 1080 (WUXGA)	1920 x 1080 (WUXGA)	1366 x 768 (WXGA)	1366 x 768 (WXGA)	1366 x 768 (WXGA)
<b>PHYSICAL FEATURES</b>					
Video Signal Type	RGB Analog / Digital (Separate, Composite, S-Video, Digital)	RGB Analog / Digital (Separate, Composite, S-Video, Digital)	RGB Analog / Digital (Separate, Composite, S-Video, Digital)	RGB Analog / Digital (Separate, Composite, S-Video, Digital)	RGB Analog / Digital (Separate, Composite, S-Video, Digital)
Connector	15 Pin D-sub In x 2 / Out x 1, DVI-D, Composite In x 1 / Out x 1, S-Video, Component In x 2, RS-232C In x 1 / Out x 1	15 Pin D-sub In x 1 / Out x 1, HDMI, DVI-D, Composite In x 1 / Out x 1, S-Video, Component In x 2, RS-232C In x 1 / Out x 1	15 Pin D-sub In x 1 / Out x 1, HDMI, DVI-D, Composite In x 1 / Out x 1, S-Video, Component In x 2, RS-232C In x 1 / Out x 1	15 Pin D-sub In x 1 / Out x 1, HDMI, DVI-D, Composite In x 1 / Out x 1, S-Video, Component In x 2, RS-232C In x 1 / Out x 1	15 Pin D-sub In x 1 / Out x 1, HDMI, DVI-D, Composite In x 1 / Out x 1, S-Video, Component In x 2, RS-232C In x 1 / Out x 1
Dimension (Net) (Gross)	1375 x 143 x 878 mm 1740 x 430 x 1115 mm	1375 x 143 x 878 mm 1740 x 430 x 1115 mm	1057 x 119 x 653 mm 1188 x 295 x 902 mm	928 x 120 x 571 mm 1066 x 360 x 832 mm	803 x 100 x 493 mm 917 x 332 x 704 mm
Weight	Net : 55.0, Gross : 85.0 kg	Net : 55.0, Gross : 85.0 kg	Net : 30.8, Gross : 46.5 kg	Net : 23.5, Gross : 36.4 kg	Net : 16.0 kg, Gross : 26.0 kg
<b>POWER CONSUMPTION</b>					
On Mode	315W (Typical)	300W (Typical)	220W (Typical)	180W (Typical)	145W (Typical)
DPM Off Mode	(Without Speakers) 2W (Typical)	(Without Speakers) 2W (Typical)	(Without Speakers) 1W (Typical)	(Without Speakers) 1W (Typical)	(Without Speakers) 1W (Typical)
<b>SPECIAL FEATURES</b>					
Multimedia	HDCP, Heat Sensor, Split Zoom, PIP / POP / PDP, SRS WOW	HDCP, Heat Sensor, Lamp fault Sensor, Split Zoom, XD Engine, PSM, SSM, ISM, CSM, Surround Max	HDCP, Heat Sensor, Lamp fault Sensor, Split Zoom, XD Engine, PSM, SSM, ISM, CSM, Surround Max	HDCP, Heat Sensor, Lamp fault Sensor, Split Zoom, XD Engine, PSM, SSM, ISM, CSM, Surround Max	HDCP, Heat Sensor, Lamp fault Sensor, Split Zoom, XD Engine, PSM, SSM, ISM, CSM, Surround Max
AV	Optional Speaker (10W x 2)	Optional Speaker (10W x 2)	TV Tuner Pack, Optional Speaker (10W x 2EA)	TV Tuner Pack, Optional Speaker (10W x 2EA)	TV Tuner Pack, Optional Speaker (10W x 2EA)
Stand	Swivel	Swivel	Swivel	Swivel	Swivel
Commercial Needs	RS232C In/Out, Discrete IR	RS232C In/Out, Discrete IR	RS232C In/Out, Discrete IR	RS232C In/Out, Discrete IR	RS232C In/Out, Discrete IR
VESA Wall mounting	AP-WX60	AP-WX60	AP-WX60	AP-WX60	RW-200
Regulation	-	-	-	-	-
<b>DEPLOYED MODEL</b>					
	-	*Colour (Front): Silver	*Colour (Front): Silver	*Colour (Front): Silver	*Colour (Front): Silver

**About LG Electronics, Inc.** | LG Electronics, Inc. (KSE: 06657.KS) is the global leader and technology innovator in consumer electronics, home appliances and mobile communications, employing more than 72,000 people working in over 120 operations including 80 subsidiaries around the world. Comprised of four business units: Mobile Communications, Digital Appliance, Digital Display and Digital Media with global sales at USD 34.7 billion (consolidated USD 43.4 billion) as of 2005, LG Electronics is the world's leading provider of CDMA handsets, residential air conditioners, plasma panels, optical storage products, DVD players and home theatre system. For more information, please visit [www.lge.co.uk](http://www.lge.co.uk)

**About LG Electronics Digital Display Company** | LG Electronics Digital Display Company provides core technologies for cutting-edge digital products and is a world leader in digital display products including Plasma TVs, LCD TVs and Monitors, and HDTV (high-definition televisions).

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[www.lge.co.uk](http://www.lge.co.uk)